

Converting Colors

YUV(192.5690, 16.9745,
-31.1940)

Have a look what the booklet for
YUV(192.5690, 16.9745, -31.1940)
contains.

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Color

**YUV(192.5690, 16.9745,
-31.1940)**

Conversions

Conversions Part 1

Format	Color
Hex	9DCCE3
RGB	157, 204, 227
RGB Percent	62%, 80%, 89%
CMY	0.3843, 0.2000, 0.1098
CMYK	0.31, 0.10, 0.00, 0.11
HSL	200°, 56%, 75%
HSV	200°, 31%, 89%
XYZ	49.3626, 55.8999, 80.8611
YIQ	192.5690, -35.3950, -2.8110

Conversions

Conversions Part 2

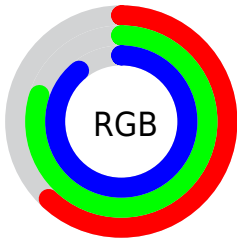
Format	Color
R _{YB}	157, 185, 227
Decimal	10341603
CIE Lab	79.56, -9.98, -16.36
CIE LCh	80, 19.165, 238.625
Yxy	55.8999, 0.2652, 0.3003
Android (android.graphics.Color)	4288531683 (0xFF9DCCE3)
YUV	192.5690, 16.9745, -31.1940
Hunter-Lab	74.7662, -12.9905, -11.7869

Details

The YUV color $192.5690, 16.9745, -31.1940$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $191.4310, -16.9745, 31.1940$, and the grayscale version is $192.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.4420, 6.1911, -25.8206$, and $138.4550, 16.5377, -31.0940$ is the 20% darker color. If you saturate the color by 10%, you get $181.5830, 22.3906, -41.7303$, and if you desaturate by 10%, it is $203.5550, 11.5584, -20.6577$.

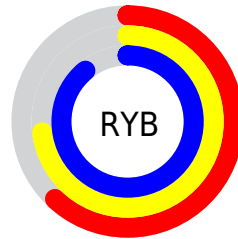
Distribution



Red (62%)

Green (80%)

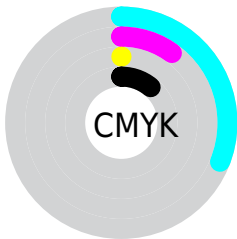
Blue (89%)



Red (62%)

Yellow (73%)

Blue (89%)

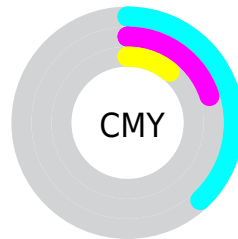


Cyan (31%)

Magenta (10%)

Yellow (0%)

Black (11%)



Cyan (38%)

Magenta (20%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 192.5690, 16.9745, -31.1940 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 192.5690, 16.9745, -31.1940 by changing the saturation by 10% instead.

■ 192.5690, 16.9745,
-31.1940

■ 192.5690, 16.9745,
-31.1940

255.0000, 0.0000,
0.0000

■ 165.4550, 16.5377,
-31.0940

■ 242.4420, 6.1911,
-25.8206

■ 138.4550, 16.5377,
-31.0940

■ 251.1130, 1.9163,
-7.9921

■ 112.3410, 16.1009,
-30.9941

■ 86.9280, 15.8115,
-31.5089

■ 61.7320, 16.4011,
-33.9680

■ 39.2050, 15.6749,
-34.3828

■ 23.6690, 11.9952,

-20.7577

■ 3.7790, 11.9410,
-3.3142

■ 0.0000, 0.0000,
0.0000

■ 192.5690, 16.9745,
-31.1940

■ 192.5690, 16.9745,
-31.1940

■ 181.5830, 22.3906,
-41.7303

■ 203.5550, 11.5584,
-20.6577

■ 170.3090, 27.9487,
-51.1370

■ 214.8290, 6.0003,
-11.2510

■ 159.3230, 33.3648,
-61.6733

■ 225.8150, 0.5842,
-0.7148

■ 147.7500, 39.0703,
-71.6947

■ 237.3880, -5.1213,
9.3067

■ 137.0630, 44.3389,
-81.6163

■ 243.5900, -8.1789,
10.0066

■ 125.4900, 50.0444,
-91.6377

■ 248.2860,
-10.4940, 5.8882

■ 115.1020, 55.1657,
-100.9445

■ 251.8080,
-12.2303, 2.7994

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



190.7550, 11.4598, -35.7421



192.5690, 16.9745, -31.1940



195.8850, 17.8047, -17.4391

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



192.5690, 16.9745, -31.1940



200.6490, -0.8130, 27.4948



194.6180, -14.1087, -1.4190

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



192.5690, 16.9745, -31.1940



191.4310, -16.9745, 31.1940

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



196.9080, -17.2096, 13.2357



192.5690, 16.9745, -31.1940



199.7820, -9.2595, 30.0092

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



192.5690, 16.9745, -31.1940



200.7600, 7.5133, 16.8735



198.4410, -15.5004, 25.0462



192.0550, -6.9291, -17.5882

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



192.5690, 16.9745, -31.1940



198.2070, 16.1669, -5.4435



198.4410, -15.5004, 25.0462



194.8960, -15.7247, 3.5992

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



192.5690, 16.9745, -31.1940



243.4270, 5.7055, -10.0215



200.5980, -10.6478, -38.2354



120.5800, 3.6581, -6.6477



0.0000, 0.0000, 0.0000



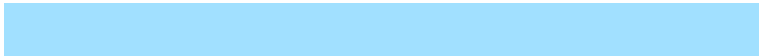
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



192.5690, 16.9745, -31.1940



208.6970, 22.8274, -41.8303



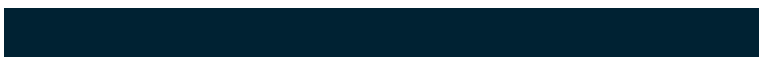
172.6110, 26.8138, -13.6908



109.0640, 2.9264, -5.3181



90.8460, 43.4599, -79.6719



25.7720, 12.4374, -22.6020

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



183.2880, 10.2110, 38.3354



196.2880, 13.6620, 51.4904



211.3890, -26.8138, 13.6908



107.5000, 1.7255, 6.5775



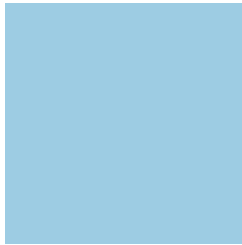
67.2010, 26.0299, 98.0477



19.1250, 7.3334, 27.9544

Previews

White Background



This preview shows how the YUV color 192.5690, 16.9745, -31.1940 looks on a white background.

Color Contrast Check

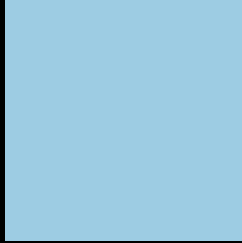
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 192.5690, 16.9745, -31.1940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 192.5690, 16.9745, -31.1940 Background



This preview shows how black text looks on a background with the YUV color 192.5690, 16.9745, -31.1940.



This preview shows how white text looks on a background with the YUV color 192.5690, 16.9745, -31.1940.

-31.1940.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

192.5690, 16.9745, -31.1940

Protanopia

197.3660, 11.6516, -3.8290

Deuteranopia

198.7240, 15.4191, 1.1191



Tritanopia

192.1730, 14.2117, -31.7237

Trichromacy



Original Color

192.5690, 16.9745, -31.1940

Protanomaly

195.4680, 13.5733, -13.5654

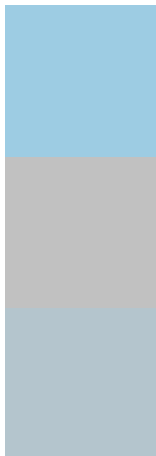
Deuteranomaly

196.1740, 16.1832, -10.6766

Tritanomaly

192.4010, 15.0853, -31.9237

Monochromacy



Original Color

192.5690, 16.9745, -31.1940

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

192.8290, 6.0003, -11.2510

CSS Examples

Text

The CSS property to change the color of the text to YUV 192.5690, 16.9745, -31.1940 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(157, 204, 227)` looks like.

```
.text, #text, p{  
    color:rgb(157, 204, 227)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(157, 204, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 204, 227) }
```

Border

The CSS property to change the border of an element to YUV 192.5690, 16.9745, -31.1940 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 204, 227) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(157, 204, 227) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(157, 204, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 204, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 204, 227);  
box-shadow:4px 4px 4px 4px rgb(157, 204,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 192.5690, 16.9745, -31.1940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 204, 227) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(157,  
204, 227) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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